



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 82 50 18

Classification of the application (IPC):

C07D 209/08, A61K 31/404, A61K 31/4045, A61P 29/00, A61K 31/5377,
C07D 417/14, C07D 417/12, C07D 405/12, C07D 401/12, C07D 403/12

Technical fields searched (IPC):

C07D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 0012475 A1 (CEREBRUS PHARM LTD [GB]; ADAMS DAVID REGINALD [GB] ET AL.) 09 March 2000 (2000-03-09) * in particular examples 50- 53 and claims 1-3,7,8,10,14,15,26 *	1, 14
X	WO 2012160392 A1 (UNIV DUNDEE [GB]; BESNARD JEREMY [GB] ET AL.) 29 November 2012 (2012-11-29) * in particular claims 1-9; examples 7, 8, 10-35, 59; page 32 *	1, 2, 5, 14
X	WO 2014210159 A1 (PROTEOSTASIS THERAPEUTICS INC [US]) 31 December 2014 (2014-12-31) * the whole application, in particular claims 1, 54, 59 and 60 with compound 202 in table 13 *	1-3, 5, 14, 15
X	US 2004209865 A1 (STENKAMP DIRK [DE] ET AL) 21 October 2004 (2004-10-21) * examples 3.48a and 3.48b *	1
X	US 2909523 A (BACH JR FREDERICK L ET AL) 20 October 1959 (1959-10-20) * claims 1 and 6; example 5 *	1-3, 5
X	RAMI H K ET AL: "Discovery of SB-705498: A potent, selective and orally bioavailable TRPV1 antagonist suitable for clinical development" <i>BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, PERGAMON, AMSTERDAM, NL</i> , 15 June 2006 (2006-06-15), vol. 16, no. 12, ISSN: 0960-894X, pages 3287-3291, XP027965598 * intermediate compounds last line of figure 1 with R being as in compounds 1-5 (see table 1) *	1
A	WO 2012173952 A1 (UNIV EMORY [US]; GANESH THOTA [US] ET AL.) 20 December 2012 (2012-12-20) * the whole application, in particular claims 1,9,14,15; page 7 l.10-12 *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 05 December 2019	Examiner Hanisch, Inken
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CATEGORY OF CITED DOCUMENTS

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| & : member of the same patent family, corresponding document | L: document cited for other reasons |

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 2-11, 13(completely); 1, 12, 14, 15(all partially)
compounds of formula I wherein R2 is group (a), pharmaceutical compositions comprising the same and the said compounds for the claimed use
2. claims: 1, 12, 14, 15(all partially)
compounds of formula I wherein R2 is group (b), pharmaceutical compositions comprising the same and the said compounds for the claimed use
3. claims: 1, 12, 14, 15(all partially)
compounds of formula I wherein R2 is group (c) or group (d), pharmaceutical compositions comprising the same and the said compounds for the claimed use

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 2-11, 13(completely); 1, 12, 14, 15(partially)

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 05 December 2019	Examiner Hanisch, Inken
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 82 50 18

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 05-12-2019
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			WO 2012173952 A1	20-12-2012